doc 513

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOOSE-LEAF FIELD NOTEBOOK

9-137

K.M. Waage

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Photo AMO 12-53

1. Coal + clay crop. Black shale and coal summit underlain by soft clay with zone of flint clay and silty flint at base.

2. Lower Bakerstown MINE

3. Possible position of Harlem coal. A wet weather seep above the Pittsburgh redbeds.

4. Red + variegated clays of Pittsburgh 'red beds'. Well developed here. May be useful for redbrick locally.

5. Sandstone crop. Saltsburg sandstone

6. Coal crop. Lower Bakerstown coal shows overlying Friendsville shales and underlying Thomas clay. Latter thinner than normal.

7. Coal blossom and clay crop. May be Brush Creek outcrop or wash from nearby. Many seeps locally. Elk woods to NW. a heavy sandstone float comes in. Seeps at 11. may be same seam.

8. Massive sandstone crop.

9. Attitude (N. 37° E, 15° NW) on sandy shales + siltstones. Seep to west on bench may indicate coal seam but no direct evidence.

12-53

Photo AMO 12-53

10. Mogart #3 mine, Upper Freeport coal.

11. Seeps, may indicate Brush Creek coal horizon but no direct evidence.

12. Knob underlain by shales & sandy shales weathering to ~~much~~ ferruginous concretions + shale. Bench at base may indicate position of a coal. No good exposures of the unweathered shale, no limestone or fossils found.

13. Slope below bench mentioned in 12. Basal half as shown chiefly full of float of thin-bedded sandstone (Lower Kolonian probably.) Spring and other seeps along bench at foot of slope in vicinity of old farmhouse foundations may indicate trace of Upper Freeport Coal. Louis Mogart claims heading from Mogart #3 mine came out in field near this farmhouse but no evidence was found of such an opening.

14. Probable position of Upper Bakerstown coal. No crop in roadway but wet-weather seeps locally present.

15 Ledge of massive med.-to coarse grained ss. just to east at intersection of mountain road and road to abandoned farm there is much fine fragmented flint

AMO-12-53

Photo AMO 12-53

clay in soil + ditchcrops + mixed with dirt in road. This may be the Upper Kittanning clay (as at Laurel Run + Mogart Lot 135) with massive sandstone the roof-rock. Position of clay + presence of coal not indicated by outcrop evidence.

AMO - 12-53

HMO 16-126

Creamery at Grantsville.

Surface – 0 – 2
Yellow SS 2 – 25
Soapstone 25 – 53
Gray SS 53 – 88
Coal 88 – 90
Soapstone 90 – 115
SS (gray) 115 – 125
Black Slate 125 – 160
Gray sand 160 – 165
Soapstone 165 – 198. (Getting black)

On 219, Pa Line [illegible], 3 4 Mi N. Grantsville.

Surface 30'
Soapstone 30 – 130
Coal 130 – 135
Soapstone 135 – 170
Black slate 170 – 192 (On coal.)

Dan J. Brenneman
Grantsville. Md. RT #1.

Sandstone crop. in brook ~~cut~~ in woods about 100 yards back of Brenneman barn.

4' of Clay under LB coal. upper 2' dark, [illegible]. lower part [illegible] light gray yellow clay.

Sandstone under clay —
N20E ± 14° E

[illegible] 10 [illegible]

(1) [illegible] F1 to H. About 3' of gray [illegible] clay at top.

DDJ. 4489

1/2-0	surface.
5-0	sandrock
3-0	pittsburg coal
1-0	trace of coal
15-0	sandrock
1-0	slate
1-0	trace of coal
4-0	soft clay, sandy
13-0	sandrock
4-0	dark slate
1-0	trace of coal
3-0	slate
5-0	sandrock
1-0	trace of coal
3-0	slate
5-0	sandrock
2-0	slate
2-0	coal
5-0	soft clay sandy
5-0	slate
15-0	sandrock
95-1/2-0	

Carl Slanton, expert
Pittsburgh Coal

Mr. James Hess

Mr Curt B. Johnson

General Refractories
Uniontown Pa.

Pleasant Valley #1

3½' soft clay on top.

Fe content in sandy [illegible]

[illegible] 1½ to 2' of [illegible] [illegible] to [illegible] [illegible] [illegible] [illegible]

[illegible] zone dark [illegible] flint [illegible] [illegible]

S 57 W, [illegible] — See section [illegible]

Pleasant Valley # 2

3' + Flint & siliceous clay [illegible] of UK. clay.

About 2½' from flint

Silty [illegible] 6" to 1'

Gray & light dark Fe? [illegible] 1½ - 2'

Silty claystone & [illegible] 2' + —

Pleasant Valley # 3

Lower Bolivar limestone [illegible]

6' crop clay — [illegible] [illegible]

Fe — [illegible] = shale or clay

UMCO Slumping

N 37° E 7° SE

Sample 2½' flint clay

AMO-10-28 (See sweets report)

Shade #1 - Hersker.

SS
6' drab shale
23 - 24' Coal
1" shale
2-4" Bone coal.
Hard sandy clay 1 to 1½'
Floor probably clay.

Thomas Clay —

Within mine of Alleg. Coal. Co.
Allegheny #1 mine, mi soft workings;
450 feet from nearest cuts.

Sample #1 Upper 3' of clay.

Hard gray slickensided finely
silty pyrite nodules.

Peter Van Hemegan 6-5135
Park Service.

Sinclair

Garrett Co. —

See also property maps

WPA memo map.

Mr Drumm — Hill street — driller.

1 qt 20. oil